

ILLEGIB

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TALENT-KEYHOLE  
CONTROL SYSTEM ONLY.TCS - 10462/64  
IB - 418/64  
20 November 1964  
Copy # 1

MEMORANDUM FOR: Chief, Programs Division, ORR

ATTENTION : [REDACTED] 25X1A

THROUGH : Chief, CIA/PID

FROM : Chief, Requirements Branch, Reconnaissance Group, CGS

SUBJECT : Helwan, UAR Military Factory # 909

REFERENCES : (1) ORR Requirement No. C-RR3-81,116 (Revised)  
(2) CIA/PID Project No. C 477/64

1. This memorandum is in response to the referenced requirement which asks for a chronological analysis of Helwan Military Factory # 909 which is reported to manufacture automobiles.

2. Collateral intelligence was used in locating Military Factory # 909 north of the city of Helwan at coordinates 29 53N - 31 19E. The plant covers approximately 138 acres, is bounded on three sides by railroads, and is served by a good hard surfaced road. The factory consists of an administrative building (item # 1, CIA/PID/IB-P-1459/64), five probable machine shops/sub-assembly buildings (item # 2, # 3, # 4, # 5) and a probable final assembly building (item # 6).

25X1D 3. Photographic missions covering the period from [REDACTED] were used in this analysis. A description from each mission is as follows:

25X1D  
a. [REDACTED] The grading and general preparation of the factory site was underway at this time. No construction equipment or materials were observed in the area. An access road, however, was under construction and appeared ready for surfacing.

25X1D  
b. [REDACTED] The construction of the factory buildings was well under way at this time. The administration building (item # 1) and probable machine shop/sub-assembly building # 2 were in the mid stages of construction. Footings for probable machine shop/sub-assembly buildings # 3, # 5, and # 6 were being prepared. More than 60 buses and 250 trucks were observed in two motor parks and throughout the area.

25X1D  
c. [REDACTED] The factory appeared to be largely completed. Buildings # 1 and # 6 were

GROUP 1  
Excluded from automatic  
downgrading and  
declassification

Declass Review by NIMA/DOD

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complete and buildings # 2, # 3, and # 5 were in late stages of construction. The probable final assembly building # 7 and probable machine shop/sub-assembly building # 4 had been partially erected since the last coverage.

25X1D

d. [REDACTED] showed that construction on buildings # 4 and # 5 had apparently been completed. Buildings # 2, # 3, and # 7 required only slight construction and appeared capable of limited production.

25X1D

e. [REDACTED] revealed that final construction was underway on buildings # 2 and # 3. Footings for an addition to building # 4 were observed, as was some unidentified construction activity north of building # 1. This unidentified construction was not far enough advanced to offer any indication of the type of structure or purpose. Forty buses were observed alongside of buildings # 1, # 2, # 3, # 5, and # 6 on this mission (taken at 12:07 P.M.). Though the production of buses is programmed for factory # 909, it cannot be determined whether these vehicles were just off the assembly line or serving as transportation for workers to and from the factory.

25X1D

3. [REDACTED] Helwan Military Factory # 909 contained approximately 1,767,990 square feet of floorspace.

Construction in progress at this time will add another 159,730 square feet of floorspace to the factory, bringing the total to 1,927,720. (These figures do not include the unidentified construction seen on CIA/PID/IB-P-1458/64).

Included with this memorandum are a line drawing (CIA/PID/IB-P-1459/64) and a list of all structures which includes: type, dimensions, number of floors, and floorspace of each structure. The measurements given were preformed by TID and were taken from photographic Mission [REDACTED] All figures are considered accurate [REDACTED]

25X1D

25X1D

4. The photo analyst assigned to this project was [REDACTED] who may be contacted on extension 2547 should you have any questions concerning this requirement. This memorandum and enclosed graphics complete this requirement.

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## Enclosures:

- 5 - Annotated Photo Enlargements  
(CIA/PID/IB-P-1454/64 thru P-1458/64)
- 1 - Line Drawing  
(CIA/PID/IB-P-1459/64)

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## DESCRIPTION OF FACILITIES, HELWAN MILITARY

## FACTORY # 909 (AUTOMOBILE PLANT)

| Bldg. No. | Functions                     | No. of Floors | Dimensions* | Floorspace Completed (Sq. Ft.) | Floorspace U/Construction (Sq. Ft.) |
|-----------|-------------------------------|---------------|-------------|--------------------------------|-------------------------------------|
| 1         | Administrative                | 3             | Irregular   | 135,420                        | -                                   |
| 2         | Machine Shop/<br>Sub-Assembly | 1             | 720' X 430' | 251,550                        | 58,050                              |
| 3         | Machine Shop/<br>Sub-Assembly | 1             | 570' X 430' | 227,520                        | 17,580                              |
| 4         | Machine Shop/<br>Sub-Assembly | 1             | 430' X 560' | 217,875                        | 76,125                              |
| 5         | Machine Shop/<br>Sub-Assembly | 1             | 595' X 425' | 252,875                        | -                                   |
| 6         | Machine Shop/<br>Sub-Assembly | 1             | 595' X 425' | 252,875                        | -                                   |
| 7         | Final Assembly                | 1             | 695' X 630' | <u>429,875</u>                 | <u>7,975</u>                        |
| 25X1D     | 25X1D                         |               | TOTALS - -  | 1,767,990                      | 159,730                             |

Total Floorspace Completed: 1,767,990 Sq. Ft.

Total Floorspace U/Construction: 159,730 Sq. Ft.

TOTAL PROJECTED FLOORSPACE - - - 1,927,720 Sq. Ft.

\* These dimensions include those portions of factory buildings which are still under construction, as shown in red on the line drawing (CIA/PID/IB-P-1459/64).

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TOP SECRET-CHES

RAILROAD

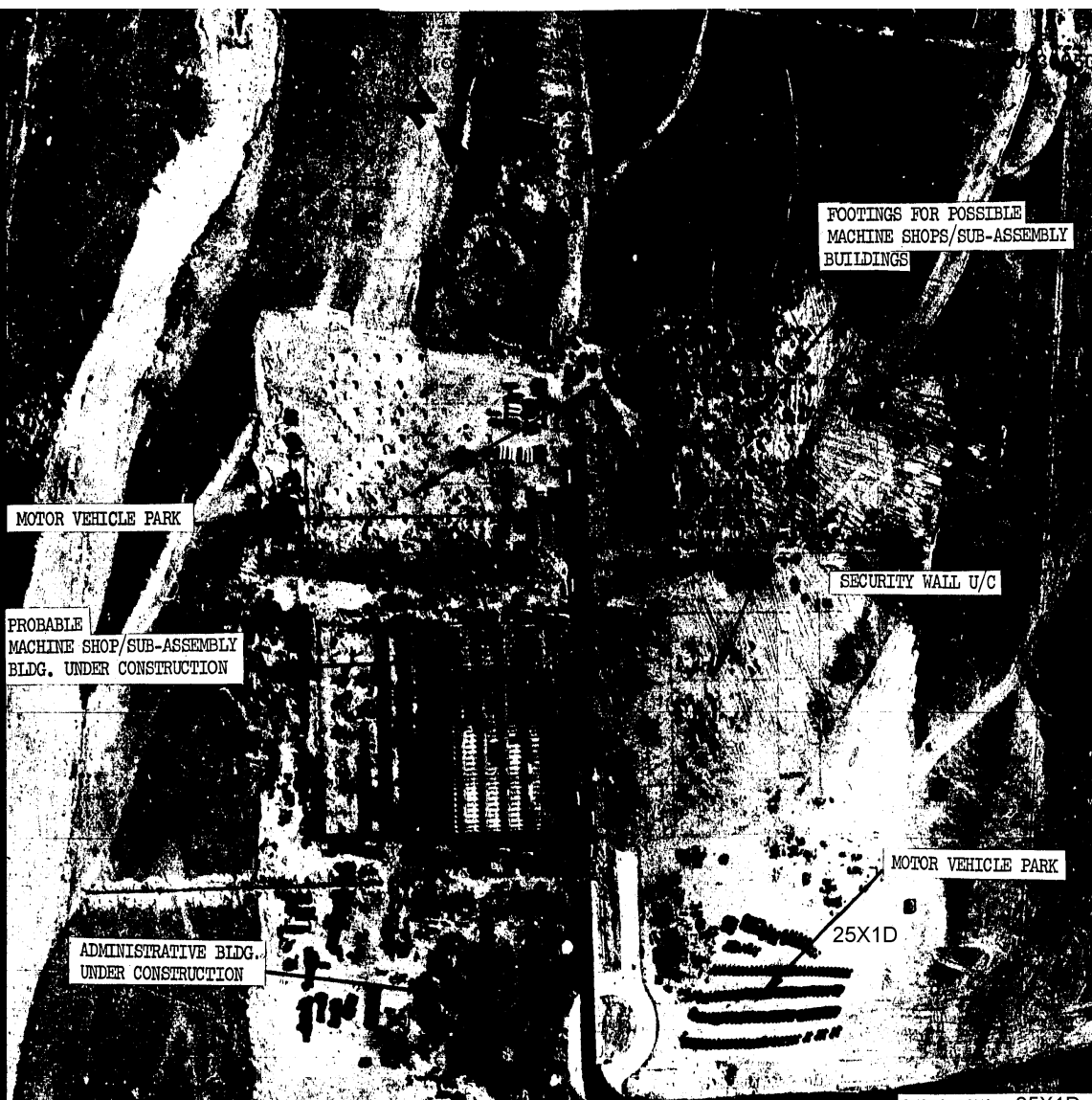
GRADING OF SITE UNDERWAY

RAILROAD

ACCESS ROAD U/C

PHOTO DATA: 25X1D

TOP SECRET-CHES



MOTOR VEHICLE PARK

FOOTINGS FOR POSSIBLE  
MACHINE SHOPS/SUB-ASSEMBLY  
BUILDINGS

PROBABLE  
MACHINE SHOP/SUB-ASSEMBLY  
BLDG. UNDER CONSTRUCTION

SECURITY WALL U/C

ADMINISTRATIVE BLDG.  
UNDER CONSTRUCTION

MOTOR VEHICLE PARK

25X1D

CONFIDENTIAL NOFORN DISSEM

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2004/03/03 CIA-RDP78T054

SECRET

SECURITY WALL COMPLETED

ADMINISTRATIVE BLDG. COMPLETED

PROBABLE  
MACHINE SHOP/SUB-ASSEMBLY  
BLDGS. UNDER CONSTRUCTION

PROBABLE  
MACHINE SHOP/SUB-ASSEMBLY  
BLDGS. COMPLETED

PROBABLE  
FINAL ASSEMBLY BLDG. U/C

PROBABLE  
MACHINE SHOP/SUB-ASSEMBLY  
BLDG. UNDER CONSTRUCTION

PHOTO DATA: 25X1D

**SECRET - RUFF**

PROBABLE  
MACHINE SHOP/SUB-ASSEMBLY  
BLDG. COMPLETED

PROBABLE  
MACHINE SHOP/SUB-ASSEMBLY  
BLDG. COMPLETED



25X1D

**TOP SECRET - RUFF**

25X1D

PHOTO DATA:  
[REDACTED]



TOP SECRET



U/I CONSTRUCTION  
UNDERWAY

ADDITION U/C

ADDITION U/C

PHOTO DATA: 25X1D

25X1D

TOP SECRET

25X1C

TOP SECRET

